2020-21

PROJECT MANAGEMENT CONSULTANCY REPORT

Name of the Client: Executive Engineer, Dasarahalli Division, BBMP, Bangalore.

Agency: M/s Nagasandra Shamanna Rama Rao (Rajalakshmi Rock Drillers), Contractor, Bangalore.

Name of the Work: Drilling of Borewells and Installation of Pumps and motors with accessories in Ward No.12, Shettyhalli, BBMP, Bangalore.

M/s. CIVIL QUALITY CONSULTANT S& ENGINEERS

(Buildings Geo-Tech & Road Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited as per ISO-17025: 2005 Laboratory

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Name of Work : Drilling of Borewells and Installation of Pumps and motors with accessories in Ward No.12, Shettyhalli, BBMP, Bangalore.

Name of Client	:	**Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Contractor/Agency	:	**M/s Nagasandra Shamanna Rama Rao (Rajalakshmi Rock Drillers),** Contractor, Bangalore.
Total Cost	:	Rs. 95.16 Lakhs
Date of Inspection	:	12.10.2020
Status of Bill	:	1st and Final Bill
In the Presence of	:	(a) **Assistant Engineer,** Ward No.12, BBMP, Bangalore.
	:	(b) **Mr. Mohan G,** Engineer M/s. Civil Quality Consultants & Engineers, Bangalore.

Compliance Report

Sl.No	Description of the Item		Comments / observations
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drinking water to the	:	Work done upto the billed Quality and Quantity is satisfactory.
2	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al	:	Work done upto the billed Quality and Quantity is satisfactory.
3	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al	:	Work done upto the billed Quality and Quantity is satisfactory.
4	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al	:	Work done upto the billed Quality and Quantity is satisfactory.
5	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al	:	Work done upto the billed Quality and Quantity is satisfactory.
6	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al	:	Work done upto the billed Quality and Quantity is satisfactory.

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7	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al	:	Work done upto the billed Quality and Quantity is satisfactory.
8	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al	:	Work done upto the billed Quality and Quantity is satisfactory.
9	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al .	:	Work done upto the billed Quality and Quantity is satisfactory.
10	Providing and Fixing 250mm dia PVC pipeetc., complete as per specifications and as per the direction of Engineer-in-	:	Work done upto the billed Quality and Quantity is satisfactory.
11	Supply of ISI Mark 175mm Nominal bore ,plain end steel Casing pipe- grade of steel Fee 410 of wall thickness 5.4 mm	:	Work done upto the billed Quality and Quantity is satisfactory.
12	Providing 175 mm dia MS Collar etc., complete as per specifications and as per the direction of Engineer-in-charge of the	:	Work done upto the billed Quality and Quantity is satisfactory.
13	Providing 175 mm dia MS Cap etc., complete as per specifications and as per the direction of Engineer-in-charge of the	:	Work done upto the billed Quality and Quantity is satisfactory.
14	Providing Supplying to work site and fixing submersible pump sets of 150mm dia suitable for borewell and confirming	:	Work done upto the billed Quality and Quantity is satisfactory.
15	Supplying, laying, jointing testing and commissioning of GI pipes confirming to IS 1239:1990 with latest amendments,	:	Work done upto the billed Quality and Quantity is satisfactory.
16	Suppy and fixing 50mm dia GI collar Heavy duty etc., complete as per specifications and as per the direction of	:	Work done upto the billed Quality and Quantity is satisfactory.
17	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade	:	Work done upto the billed Quality and Quantity is satisfactory.
18	Supply and fixing 50mm dia GI Union with ISI mark etc., complete as per specifications and as per the direction of	:	Work done upto the billed Quality and Quantity is satisfactory.
19	Supply and fixing 50mm dia GI Union with ISI mark etc., complete as per specifications and as per the direction of	:	Work done upto the billed Quality and Quantity is satisfactory.

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ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ನಂ. ೨೦. ರಸ್ತೆ, ಗಂಗಾನಗರ, ಬೆಂಗಳೂರು.

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20	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 With ISI Mark and as per its	:	Work done upto the billed Quality and Quantity is satisfactory.
21	Supplying and fixing 50mm dia GI Elbow with ISI mark etc., complete as per specifications and as per the direction	:	Work done upto the billed Quality and Quantity is satisfactory.
22	Supplying and delivery at site brand new star/Essen/Lotus/Sun-Shines/Adarsh/ G.K.Controls Best Indigenous make	:	Work done upto the billed Quality and Quantity is satisfactory.
23	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and	:	Work done upto the billed Quality and Quantity is satisfactory.
24	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour,	:	Work done upto the billed Quality and Quantity is satisfactory.
25	Supplying of TPST with rewirable porcelain channels in SM enclosure 32 amps	:	Work done upto the billed Quality and Quantity is satisfactory.
26	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces	:	Work done upto the billed Quality and Quantity is satisfactory.
27	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 230/440v A.C. 50 Hz	:	Work done upto the billed Quality and Quantity is satisfactory.
28	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for	:	Work done upto the billed Quality and Quantity is satisfactory.
29	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials	:	Work done upto the billed Quality and Quantity is satisfactory.
30	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board	:	Work done upto the billed Quality and Quantity is satisfactory.
31	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain	:	Work done upto the billed Quality and Quantity is satisfactory.
32	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT	:	Work done upto the billed Quality and Quantity is satisfactory.

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ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಾಜಾಜಿನಗರ, ಬೆಂಗಳೂರು

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33	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating	:	Work done upto the billed Quality and Quantity is satisfactory.
34	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as	:	Work done upto the billed Quality and Quantity is satisfactory.
35	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating.	:	Work done upto the billed Quality and Quantity is satisfactory.
36	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts	:	Work done upto the billed Quality and Quantity is satisfactory.
37	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading,	:	Work done upto the billed Quality and Quantity is satisfactory.
38	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading,	:	Work done upto the billed Quality and Quantity is satisfactory.
39	Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs and depth up to	:	Work done upto the billed Quality and Quantity is satisfactory.
40	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering	:	Work done upto the billed Quality and Quantity is satisfactory.
41	Refilling the basement and pipeline trenches with selected available earth from trench excavation including	:	Work done upto the billed Quality and Quantity is satisfactory.
42	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest	:	Work done upto the billed Quality and Quantity is satisfactory.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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ಎಸ್.ಎಂ. ಕೃಷ್ಣ ಭುವನೇಶ್ವರಿನಗರ, ಬೆಂಗಳೂರು.

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